TEST REPORT OF AGGEGRATE IMPACT VALUE

IS: 2386 Part IV

Lab ID	:	**CP-RW-2018-04-16-19**	**Date: 18-04-18**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Drilling of Bore wells and providing pipe line work in Ward No. 01 and 02 of Yelahanka sub division.	
Agency	:	Sri. S.Jagadhish, No.597, Down Bazar road, Yelahanka, Bangalore-64	
Customer Reference	:	EE(YNK.D)E-PMT-10/W.O/161/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	16-04-18	
Sample ID No	:	2018-04-16-19/01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	16-04-18	

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.9	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Pecentage	24.6	

Note:-

The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
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Samples will be disposed after 90 days from the date of issue of test certificate

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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End of Report

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2018-04-16-19**	**Date: 18-04-18**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Drilling of Bore wells and providing pipe line work in Ward No. 01 and 02 of Yelahanka sub division.	
Agency	:	Sri. S.Jagadhish, No.597, Down Bazar road, Yelahanka, Bangalore-64	
Customer Reference	:	EE(YNK.D)E-PMT-10/W.O/161/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	16-04-18	
Sample ID No	:	2018-04-16-19/01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	16-04-18	

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	12.8%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	25.3%	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2018-04-16-19** **Date: 18-04-18**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Drilling of Bore wells and providing pipe line work in Ward No. 01 and 02 of Yelahanka sub division.
Agency	:	Sri. S.Jagadhish, No.597, Down Bazar road, Yelahanka, Bangalore-64
Customer Reference	:	EE(YNK.D)E-PMT-10/W.O/161/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-04-18
Sample ID No	:	2018-04-16-19/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	16-04-18
Oven Dry Weight	:	10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	3.2	96.9	95-100
22.4	2259	2574	25.7	74.3	60-80
11.2	2179	4753	47.5	52.5	40-60
4.75	2251	7004	70.0	30.0	25-40
2.36	1490	8494	84.9	15.1	15-30
0.6	600	9094	90.9	9.1	8-22
0.075	906	10000	100.0	0.0	0-5

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